

DELIVERING A FUTURE-FIT
WORKFORCE WITH ...

SUCCESSFUL GRADUATES



93%
EXAMINATION PASS RATE



97%
OF CURRENTLY EMPLOYED GRADUATES
FOUND WORK WITHIN SIX MONTHS OF
COMPLETING THEIR STUDIES⁶



312 827

Number of UP alumni spread across
118 countries



First in Africa

- To implement Blackboard Ally to make digital courses more accessible to all students
- To introduce a chatbot to enhance student mental health and wellbeing



Ready to help

355
Study modules that involve
community work

Socially responsible

UP is the only representative
from Africa in the University
Social Responsibility Network,
an international group of 16 top
universities

High Performance Centre

Nurtures some of Africa's greatest
athletes, including recent Olympic
medallists



Ready to work

- Recognised by the South African Graduate Employers Association (SAGEA) for the Best Work Readiness Programme
- Centre for Entrepreneurship supports existing entrepreneurs and develops youth entrepreneurship
- Centre for the Future of Work researches new ways of working to create future-fit world graduates



**Strong learning
support**

- **FLY@UP** – ensures students can graduate in minimum time
- **FLYHIGHER @UP** – improves postgraduate success rate
- **Social learning spaces** – mimic real-world work and social environments
- **Connected campuses** – fibre optic connectivity across all campuses
- **Pre-University Academy (PreUA)** – targets talented learners and those with potential from different socio economic classes to pursue tertiary education. Learners acquire 4IR skills, learn how to integrate knowledge and are exposed to university facilities and teaching

SHAPING
THE FUTURE WITH ...

NEW KNOWLEDGE



**Transdisciplinary
research**

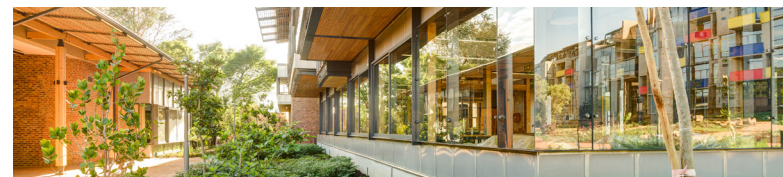
Collaborative platforms co-create
new knowledge that translates into
solutions. Recent additions include:

Engineering 4.0 – a collaborative hub
for Smart Cities and Smart Transport
Future Africa Institute – a dedicated
campus for transformative research
relevant to Africa's development
Innovation Africa @UP – integrating
natural and agricultural sciences,
technology and innovation
Javett-UP Art Centre – focuses on
the importance of Africa and its art



First for Africa

UP has the first portable emissions
measurement system in Africa to help
set realistic carbon emission targets



**Collaborative
partnerships**

- **African Global University Project** – develops young intellectual leaders with a global outlook
- **InnoFoodAfrica Project** – focuses on enhancing food and nutrition security in Africa
- **Alliance for African Partnership** – develops entrepreneurs and business initiatives (with Michigan State University)
- **United States-South Africa Higher Education Network Project** – promotes exchanges and collaborative research between UP, Rutgers University-Newark and the University of Venda
- **United Nations Children's Emergency Fund** – supports the JuniorTukkie programme, which helps learners make a successful transition to higher education through digital learning

UP

AT A GLANCE 2022



UNIVERSITEIT VAN PRETORIA
UNIVERSITY OF PRETORIA
YUNIBESITHI YA PRETORIA

Make today matter

www.up.ac.za

CREATING A FUTURE-FOCUSED UNIVERSITY WITH ... A WIDE ACADEMIC OFFERING

UP HAS

9 FACULTIES AND 1 BUSINESS SCHOOL



Economic and Management Sciences



Education



Engineering, Built Environment and Information Technology



Health Sciences



Humanities



Law



Natural and Agricultural Sciences



Theology and Religion



Veterinary Science
Only faculty of its kind in South Africa



Gordon Institute of Business Science



4
Centres of Excellence



51
Research Chairs



82
Research Institutes and Centres



1 175
Study programmes



120
Academic departments

The traditional SA university with the most

- Academic staff with PhDs (70%)
- NRF-rated researchers (613)
- Students enrolled (53 912)

2022 THE Impact Rankings

According to the latest Times Higher Education Impact Rankings (2022), released in May 2022, the University of Pretoria was named South Africa's second-best (joint second) and Africa's third-best (joint third) university.

PREPARING FOR THE FUTURE WITH ... QUALITY EDUCATION



TOP 1% IN THE WORLD

UP falls in the top 1% internationally in 13 fields:

- Agricultural Sciences
- Biology and Biochemistry
- Molecular Biology and Genetics
- Pharmacology and Toxicology
- Chemistry
- Clinical Medicine
- Economics and Business
- Engineering
- Environment/Ecology
- Immunology
- Microbiology
- Plant and Animal Sciences
- Social Sciences¹

QS World University Rankings rate UP #1 in South Africa for

- Veterinary Science
- Accounting and Finance
- Economics and Econometrics
- Mechanical, Aeronautical and Manufacturing
- Engineering
- Electrical and Electronic Engineering²



#33 in the world for
Mineral and Mining Engineering



Among the world's top universities in 20 subjects



Times Higher Education ranks UP #1 in South Africa for industry, innovation, and infrastructure #1 in South Africa for Computer Science³

References

1. Web of Science Essential Science Indicators 2. 2022 Quacquarelli Symonds (QS) World University Rankings by Subject 3. THE Impact Rankings for 2021 4. THE Impact Rankings for 2021 5. UK Financial Times (FT) executive education rankings 6. 2021 Graduate Destination Survey, Department of Institutional Planning

FOCUSING ON TOMORROW'S SUCCESS BY ... THINKING GLOBALLY



3 000 x 223 x 70 x 6

UP collaborates with over 3 000 institutions with 223 international partnerships across 70 countries and six continents

Ranked among Top 50 universities in the world⁴



SDG 15:
Life on Land (#30)



SDG 8: Decent Work and Economic Growth (#44)



SDG 17: Partnership for the Goals (#86)



SDG 9: Industry, Innovation, and Infrastructure (#88)

Ranked among Top 50 business schools in the world

At #43, GIBS is among just 15% of around 300 leading business schools globally that vie for a top-50 position⁵

Future-focused partnerships

- With **Advance.io** to develop an information hub to support the digitalisation of the agriculture and forestry industry
- With **Exxaro Resources** to establish a Chair in XR Technology to address mining industry challenges and identify the best available technologies for the solutions

An African global university

- Designated as the first WHO Collaborating Centre in Africa (for the prevention of deafness and hearing loss)
- Only university in Africa to be part of the University Social Responsibility Network
- Hosted the first Nobel Prize Dialogue in Africa
- Invited to join the prestigious Worldwide Universities Network, a global higher education network of 24 leading comprehensive research universities
- Launched South Africa's first exclusive Diabetes Research Centre at a public academic institution

SOLVING FUTURE CHALLENGES THROUGH ... IMPACTFUL RESEARCH



Relevant research

- Produced unique nanobodies for use in rapid tests and as a therapy for COVID-19
- Part of an international team of researchers studying the 'eating habits' of black holes
- Member of the Event Horizon Telescope team, which revealed new evidence to help us understand how magnetic fields behave around black holes
- Part of an international team that discovered a potent chemical compound that could possibly treat and even eliminate malaria

Unique positioning

The Faculty of Veterinary Science at Onderstepoort remains the best in Africa with a number of milestone procedures:

- First successful CT scan performed on a live adult rhino
- Ground-breaking surgery on a filly suffering from an upper airway restriction
- A partial knee replacement on a cat to save its right leg from being amputated
- Specialised heart surgery on two dogs

Research focus areas

- Agriculture and sustainable food systems
- Climate change and the environment
- Economic development and sustainable futures
- Energy
- Heritage studies
- Inequalities, Social Justice and Human Rights
- One Health
- Smart infrastructure and innovation
- Water



17

A-rated researchers, recognised as leading international scholars in their field

Unless indicated to the contrary, all statistics are provided by the University of Pretoria's Department of Institutional Planning and are valid as at August 2022.